

Vinay Kumar

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Summary

I specialize in developing Web Applications , APIs and microservices with expertise in technology like React, Node, Python and Golang. My passion for technology drives me to continually explore and innovate in the field.

Education

Bachelors of Computer Application GGSIU, New Delhi	JUNE 2024 CGPA: 8.2/10
CBSE High School ST. JOHNS ACADEMY	JULY 2021 GPA: $\frac{3}{4}$

Certifications

CS50'S Intro to Computer Science – Harvard Open Courseware	Aug 22- Jan 23
Computer Graphics – IIT Guwahati	July 22- Sept 22

SKILLS

Languages: Typescript, Python, Golang

Framework: Django, FastAPI, Nextjs

Library: Hono, React, Chi, Requests

Database: SQLite, PostgreSQL.

Operating System: Linux (Debian, OpenSUSE).

Tools: Neovim, Docker, Git.

Human Languages: English (Fluent), Hindi (Native).

PROFESSIONAL EXPERIENCE

Intern trainee IBOTIX	July 23 – Sept 23 New Delhi
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- Developed automation tools to gather data from various sources and seamlessly integrate it into spreadsheets.
- Implemented query optimization strategies to enhance database efficiency improving its integrity.
- Gained hands-on experience in the complete software development life cycle(SDLC).

Development Lead Enigma IT Club	Aug 23- July 24 New Delhi
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- Created official site for registration purpose to take participation in various events.
- Used optimization techniques like lazy loading and made it significantly fast for smoother experience.
- Gained leadership skills by leading a team of 5.

LATEST PROJECT

BUKTREE(An Online Library site) <ul style="list-style-type: none">• Build on top of python web framework Django and Bootstrap for UI.• All CRUD operations are performed with necessary validations.• Hosted on Linux VPS with Apache and wsgi.	Aug – Sept 24
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Expense Tracker App

- Built with scalable techstack, React, Bun, Hono, Tanstack and zod validator.
- Clear separation of concern between frontend and backend which can be deployed on either vps or even independently.
- Full type safety using Hono's own RPC implementation.